

# **WASHINGTON STATE DEPARTMENT OF ECOLOGY**

## **Announces**

### **VISIBLE EMISSION CERTIFICATION TRAINING and TESTING**

The Department of Ecology Air Quality Program is pleased to announce the spring 2001 schedule and fall 2001 schedule for both the initial visible emission certification training as well as for re-certification testing. The fall 2001 schedule is tentative and those planning on attending should call ahead to confirm the date one month prior to the scheduled class.

The initial certification training is provided by Portland State University, in cooperation with the Oregon Department of Environmental Quality and the Washington State Department of Ecology. Advance registration and payment arrangements are pre-requisites for attending the initial certification course in Portland, Oregon.

Re-certification testing is provided by the Department of Ecology's Air Quality Program, typically in the spring and the fall of the year. EPA Method 9 establishes a certification for plume evaluations lasting six months. Readers must re-certify to continue to perform valid plume evaluations.

Please note that due to budgetary concerns two of the re-certification opportunities have been eliminated. We will no longer be holding re-certification training in Yakima and we are reducing the re-certification opportunities in Issaquah from 2 to 1. We hope this does not cause you too much inconvenience.

#### **Spring 2001**

##### **RE-CERTIFICATIONS**

March 13 (Tuesday) Grounds, Mt. Vernon	- Skagit County Fair
March 15 (Thursday) Community College, Spokane	- Spokane Falls
March 21 (Wednesday) Grounds, Lacey	- Thurston County Fair
April 4 (Wednesday) Park, Issaquah	- Lake Sammamish State

#### **Fall 2001**

##### **RE-CERTIFICATIONS**

September 11 (Tuesday) Grounds, Mt. Vernon	- Skagit County Fair
September 13 (Thursday) Community College, Spokane	- Spokane Falls
September 19 (Wednesday) Grounds, Lacey	- Thurston County Fair
October 10 (Wednesday) Sammamish State Park, Issaquah	- Lake

## INITIAL CERTIFICATIONS

March 27<sup>th</sup> – 29<sup>th</sup> 2001 - Portland State University, Portland Oregon

September 25<sup>th</sup> – 29<sup>th</sup> 2001 - Portland State University, Portland Oregon

All re-certification testing will begin at 9:00 a.m. and conclude by 4:30 p.m. with an hour for lunch. Please bring a clipboard and pen with you. Lawn chairs or a seating device are optional but recommended.

### **SEE ADDITIONAL INFORMATION ON THE REVERSE SIDE**

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Ecology provides EPA re-certification method 9 only. This allows readings to be made under EPA method 9 and Ecology methods 9A and 9B. For additional information or maps, contact the individuals shown below in your respective locations. For general questions about "Opacity Reading" call Richard Hibbard or your local air pollution authority.

Richard Hibbard (360) 407-6896 (Issaquah, Lacey, Portland)

Jamie Randels (360) 428-1617 (Mt. Vernon)

Greg Flibbert (509) 456-3114 (Spokane)

Note: Photopic lens eyeglasses or other similar devices can not be used in the field test because they adversely affect visual perspective and may contribute to failing the field tests. There is no charge for opacity re-certifications in Washington State.

## VISIBLE EMISSION TRAINING

Portland State University, in cooperation with the Oregon Department of Environmental Quality and the Washington State Department of Ecology, is offering a short course in visible emission opacity reading.

The program consists of one day of classroom lectures, followed by two days of field training and opacity reading tests.

**Dates and Times:** March 27-29, 2001; 8:45 am to 5:00 pm. The classroom will open at 8:15 am on the first day. The second and third days will start at 8:45 am.

**Places:** The classroom lecture (day 1) will be held at Smith Memorial Center on the PSU Campus (1825 S.W. Broadway in downtown Portland) in ROOM 296. The PSU campus is at the south end of downtown Portland. A map of the PSU campus can be viewed at [www.bao.pdx.edu/parking5.htm](http://www.bao.pdx.edu/parking5.htm).

Field training (days 2 and 3) will take place at the Washington County Fairplex in Hillsboro, Oregon. The Fairplex is located 16 miles west of Portland on Cornell Road opposite the Hillsboro Airport. The smoke generator will be set up inside the fairgrounds, just south of the main gate. There is a light rail training (MAX) station 2 blocks from the Fairplex.

**Parking at PSU:** There is no PSU affiliated parking available on a daily basis. Private lots charge approximately \$9 to \$10 per day, and can be found at SW 5<sup>th</sup> and Harrison, SW 4th and Hall, and SW 4<sup>th</sup> and Harrison, as well as throughout downtown Portland. The downtown area is well served by buses and by light rail.

**Registration:** Send a check (or hard copy of a purchase order) and the registration form to your state agency—see addresses at the bottom of the registration form. Make checks payable to Portland State University.

If you register prior to March 6, you will receive the classroom handouts in the mail prior to the class.

If spaces remain open in the class, on-site registration will begin at 8:15 am.

**Cancellations:** The registration fee will be returned if a cancellation is received at least one week prior to the class. To cancel, leave a message for Ben Jones at (503) 229-5983 ext 229 or at [JONES.ben@deq.state.or.us](mailto:JONES.ben@deq.state.or.us).

#### **If you have any questions:**

If you work in Washington, contact Richard Hibbard at (360) 407-6896 or at [rhib461@ECY.WA.GOV](mailto:rhib461@ECY.WA.GOV). Information regarding the Washington program is available at: [www.ecy.wa.gov/programs/air/Smoke\\_Sch.htm](http://www.ecy.wa.gov/programs/air/Smoke_Sch.htm).

If you work in Oregon, contact Ben Jones at (503) 229-5983 ext229 or at [JONES.ben@deq.state.or.us](mailto:JONES.ben@deq.state.or.us). Information regarding the Oregon program is available at: [www.deq.state.or.us/lab/plume.htm](http://www.deq.state.or.us/lab/plume.htm).

Questions for PSU can be directed to Frank P. Terraglio, School of Engineering, PO Box 751, Portland, OR 97207, phone: (503) 725-4631.

#### **ADDITIONAL INFORMATION**

**Background:** To become a certified opacity reader you must attend this class and pass tests associated with both the lecture session and the field sessions. A short written test follows the lectures. During the field sessions, the ability of the students to read opacity is tested using a "smoke generator". The passing rate of the field tests varies depending on the weather conditions and the students: Usually 60% to 90% of the students pass after 2 days of field testing. Certification is valid for six months. To recertify (each time, for another 6 months), an opacity reading performance test must be passed at one of the recertification field sessions offered every spring and fall at various sites in both Washington and Oregon.

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**Schedule:**

Day 1: Theory class at PSU.

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| 8:15-8:45  | Registration and check-in.   |
| 8:45-11:30 | Welcome, Plume Structure, Emission Sources, Control Equipment.             |
| 11:30-1:00 | Lunch (included in registration fee).                                      |
| 1:00-4:15  | Methods, Forms, Field Experience, Meteorology, Regulations, Forms, Review. |
| 4:15-      | Exam.  |

Day 2: Field training at Washington County Fairplex

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| 8:45-9:30 | Review of written exam.                       |
| 9:30-4:30 | Field training and Certification Examination. |

Day 3 Field training at Washington County Fairplex

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| 8:45-4:30 | Field training and Certification Examination. |
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**What to Bring to Class:**

For the lecture session (day 1), you will need a pen and the class booklet (if you received it in the mail).

For the field sessions (days 2 and 3), you will need:

1. Clothing appropriate for the weather. Examples: raingear, waterproof shoes, warm clothing, sun visor.
2. Clipboard and pen.
3. Lawn chair, lunch, and water bottle, as desired.
4. If you wear glasses, bring glasses which are NOT variable density sunglasses. (If your normal glasses are variable density glasses, you could get an inexpensive pair of non-tinted glasses to use for opacity reading only.)

## REGISTRATION FORM

VISIBLE EMISSION TRAINING

March 27-29, 2001

Registrant name:

Business name:

Telephone No.: ( ) Fax No.: ( )

Email Address:\_\_\_\_\_

Business Mailing Address:

Enclosed are checks or purchase order for \$\_(\$75/person, includes lunch first day) payable to: PORTLAND STATE UNIVERSITY. Include a separate check for each registrant.

If working in Washington, mail to:

Richard Hibbard

Air Quality Program, Dept. of Ecology

PO Box 47600

Olympia, WA 98504-7600

If working in Oregon, mail to:

Ben Jones

DEQ Laboratory

1712 SW 11th Ave.

Portland, OR 97201